Multiplication word problems

Grade 3 Math Word Problems Worksheet

Read and answer each question.

John is building a tree house to serve as his hideout.

1. The first thing he did is to gather some materials. For the pillars, he needs two sets of wood with different lengths. If the first set of wood is 4 feet long and the second set is 5 times longer than the first set, how long is the second set of wood?

2. Another material that he needs is rope. If he has 5 pieces of rope, each 6 feet long, and he ties them all together, how long will his rope be?

3. For each of the 4 walls of the house, John will need 9 large planks of wood. If each plank of wood needs 8 pieces of nails to be secured, how many nails does John need for each wall of the house?

4. The roof is 8 feet above the floor. To support it, John needs 2 sets of metal bars. If each set has 7 metal bars, how many metal bars are there in all?

5. For the final touches, John wanted to paint the house using 3 colors. If he has 5 gallons of paint for each color, write an equation for the total number of gallons of paint he has.

Answers:

1. 4 x 5 = 20
    The second set of wood is 20 feet long.

2. 6 x 5 = 30
    The rope will be 30 feet long.

3. 9 x 8 = 72
    John needs 72 pieces of nails for each house wall.

4. 2 x 7 = 14
    There are a total of 14 metal bars.

5. 3 x 5 = 15
    He has 15 gallons of paint.